Attorney's Docket No.: 17172-006US1 / OPP 050737 US

Applicant: Jae-Hyun Kim et al. Serial No.: Not Yet Assigned Filed: May 25, 2005

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Amendments to the Claims:

This listing of claims replaces all prior versions and listings of claims in the application:

Listing of Claims:

1. (Original) An organic anti-reflective composition comprising a crosslinking agent, a light absorbing agent, a thermal acid generator, an organic solvent and an adhesivity enhancer represented by the following Chemical Formula 1:

Chemical Formula 1

wherein a is the degree of polymerization, ranging from 30 to 400.

- 2. (Original) The organic anti-reflective composition according to Claim 1, which comprises:
 - (a) 100 parts by weight of crosslinking agent;
 - (b) 30 to 400 parts by weight of light absorbing agent;
 - (c) 10 to 200 parts by weight thermal acid generator;
- (d) 30 to 400 parts by weight of adhesivity enhancer represented by Chemical

Formula 1; and

(e) 1,000 to 10,000 parts by weight of organic solvent.

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3. (Original) The organic anti-reflective composition according to Claim 2, wherein said crosslinking agent is the compound represented by the following Chemical Formula 2:

Chemical Formula 2

$$R_{1}O$$
 OR_{2}

wherein b is the degree of polymerization, ranging from 10 to 100; each of R_1 , and R_2 is C_1 to C_4 alkyl; and R_3 is hydrogen or methyl.

4. (Original) The organic anti-reflective composition according to Claim 2, wherein said light absorbing agent is the compound represented by the following Chemical Formula 3:

Chemical Formula 3

wherein, ℓ , m and n are molar ratios: ℓ ranging from 0.1 to 0.5, m ranging from 0.05 to 0.5, n ranging from 0.1 to 0.7, and ℓ + m + n = 1; and

c is the degree of polymerization, ranging from 10 to 400.

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5. (Original) The organic anti-reflective composition according to Claim 2, wherein said thermal acid generator is the compound represented by the following Chemical Formula 4:

Chemical Formula 4

- 6. (Original) A patterning method comprising the steps of:
- (a) coating the organic anti-reflective composition according to Claim 1 on a part to be etched;
- (b) crosslinking said organic anti-reflective composition by baking to form an organic anti-reflective film;
- (c) coating a photoresist on said organic anti-reflective film, and exposing and developing the same to form a photoresist pattern; and
 - (d) etching the organic anti-reflective film with said photoresist pattern as mask.
- 7. (Original) The patterning method according to Claim 6, wherein said baking of the step (b) is carried out at 150 to 300°C for 1 to 5 minutes.
- 8. (Original) The patterning method according to Claim 6, wherein baking is further carried out before and/or after exposure of the step (c).
- 9. (Original) The patterning method according to Claim 8, wherein said baking is carried out at 70 to 200°C.
- 10. (Original) The patterning method according to Claim 6, wherein far UV such as F_2 laser (157 nm), ArF (193 nm), KrF (248 nm) and EUV (extremely ultraviolet); E-beam; X-ray; or ion beam is used as exposure light source in the step (c).

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11. (Currently amended) A semiconductor device prepared by any method according to Claims 6 to 10 the method of claim 6.

- 12. (New) A semiconductor device prepared by the method of claim 7.
- 13. (New) A semiconductor device prepared by the method of claim 8.
- 14. (New) A semiconductor device prepared by the method of claim 9.
- 15. (New) A semiconductor device prepared by the method of claim 10.